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PATENT APPLICATION DECLARATION AND POWER OF ATTORNEY

I HEREBY DECLARE THAT:

My residence, post office address, and citizenship are as stated next to my name in PART A on page 2 hereof.

I believe I am the original, first, and sole inventor (if only one name is listed) or an original, first, and joint inventor (if plural names are listed) of the subject matter which is claimed and for which a patent is sought on the invention entitled: TRANSFER SCHEME FOR SPEECH AND VOICE BAND SIGNALS AND ISDN DIGITAL SIGNALS USING

REDUCED	TRANSMISSION BANDWIDTH OVER ATM_, the specification of which:
KEDUCED	TRANSMISSION BANDWIDIN OVER AIM, the specification of which.
_X.	is attached hereto;
	was filed on as Application Serial No and was amended on (if applicable).
Fhereby stat	e that I have reviewed and understand the contents of the above-identified specification, including the claims, as
	any amendment referred to herein.
.i	
 F≋acknowled	ge the duty to disclose information to the Patent and Trademark Office known to me to be material to the
	of this application, as defined in Title 37, Code of Federal Regulations, Sec. 1.56.
Patentaomity	of this application, as defined in This 57, code of reading regulations, con-
]] Laherehy clai	m foreign priority benefits under Title 35, United States Code, Sec. 119 of any foreign application(s) for patent
or inventor's	s certificate listed in PART B on page 2 hereof and have also identified in PART B on page 2 hereof any foreign
onnliestion f	for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.
application i	of patent of five find is certificate having a fining date before that of the application on which priority is calmed.
sain The section of the sec	m the benefit under Title 35, United States Code, Sec. 120 of any United States application(s) listed in PART C
of page 2 ne	reof and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United
States applic	ation in the manner provided by the first paragraph of Title 35, United States Code, Sec. 112, I acknowledge the
enty to disc	lose all information to the Patent and Trademark Office known to me to be material to patentability of this
	as defined in Title 37, Code of Federal Regulations, Sec. 1.56, which became available between the filing date
of the prior	application and the national or PCT international filing date of this application.
	1
	lare that all statements made herein of my knowledge are true and that all statements made on information and
belief are bel	lieved to be true; and further that these statements were made with the knowledge that willful false statements and

the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following as my attorneys or agents with full power of substitution to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith:

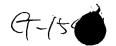
Michael A. Hierl	Reg. No. 29,807	Arne M. Olson	Reg. No. 30,203
Dolores T. Kenney	Reg. No. 31,269	Talivaldis Cepuritis	Reg. No. 20,818
John W. Klooster	Reg. No. 18,953	Daniel J. Deneufbourg	Reg. No. 33,675
Seymour Rothstein	Reg. No. 19,369	Eddie L. Bishop	Reg. No. 39,110

whose mailing address for this application is: OLSON & HIERL, LTD.

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36th Floor

Chicago, Illinois 60606 Telephone: (312) 580-1180



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PATENT APPLICATION DECLARATION AND POWER OF ATTORNEY

PART A: Inventor Information and Signature

Full name of SOLE or FIR:	ST inventor	Ikuo SUNAGA							
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		Tokyo, Japa							
Post Office Address (If diff	erent)		<u> </u>						
Inventor's signature:	Zkno S	una ga	Date:	January	22, 1999	,			
Full name of SECOND joint inventor, if any Hiroyuki MATSUMOTO									
Citizenship <u>Japan</u>	Residence	<u>3-20-10, Ts</u> Saitama-ken,	ukagoshi, Japan	Warabi-	shi,				
Post Office Address (If diff	erent)								
Second Inventor's signature			Date:	January	22, 1999	<u> </u>			
: []. Full name of THIRD joint:	inventor, if any _	*							
Citizenship									
Post Office Address (If diff	erent)			•					
Third Inventor's signature:			Date:						
						•			
Full name of FOURTH joir	nt inventor, if any								
Citizenship									
Post Office Address (If diff	erent)								
Dost Office Address (II diff									
Fourth Inventor's signature:	:		Date:			·			
					•				
PART B: Prior Foreign	Application(s)								
<u>Serial No.</u> P10-15968	<u>Country</u> Japan		ay/Month/Year 1 8/01/1998		Priority Claimed _X Yes N				
PART C: Claim for Ber	nefit of Filing Dat	e of Earlier U.S. Ap	plication(s)						
	Filing Date	_	atus:						
Serial No.	Tring Date		Patented	Pending _	_ Abandoned _ Abandoned				